

Picklist Print

August 4, 2009 7:26:29 AM

Work Order ID: 51100

Parent Item: D058-677-012RevC

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Work Order ID 51100

August 4, 2009 7:26:30 AM

Item ID: D058-677-012

Accept

Setup Start

Revision ID: C

Stop

Item Name: Heli-Access-Step RH

Start Date: 8/05/09 Start Qty: 5.00

Required Date: 8/14/09 Req'd Qty: 5.00

Cust Item ID:

Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run Start

QC:

Date:

SPC (Y/N):

Date:

Stop

Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Draw
Number

Draw
Rev.

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

Draw Nbr

Revision Nbr

D2943

RevC

0.00

100



DC

Document Control

Memo

Photocopy bluefile & type labels per PPPD058-677-012

CHG 002

0.00

110



Large Fab

Large Fab

Memo

1-Cut D2943-1 from D2622 extrusion as per Dwg D2943

SAD 09-08-04

2-Deburr and bevel ends for welding

3-Weld end cap(1) and mounting plates as per Dwg D2943

A/R AL ROD

Batch:

M110130

M111494

4-Grind end cap welds flush as per dwg D2943

09.08.14

5X

5

W/O: 51100		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
9/6/20		ADD step For QC 4 inspect Kit after #240 Penn chg	E	09.08.31			S 09/06/20

Part No: D058-677-012 PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

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Parent Item Name: Heli-Access-Step RH

Comments:

Start Date: 8/05/09

Required Date: 8/14/09

Start Qty: 5.00

Required Qty: 5.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
D3458-3RevA		Manufactured	No			110	Each	16.0000	10.0000			
Step Mounting Plate												

Warehouse

Loc Qty

Loc Code

Location

Main Warehouse

ST 51240
44003

16
16

09.08.13 4
6

S/S	D2731-3RevC	Manufactured	No			240	Each	0.0000	10.0000			
Mounting Lug												
S/S	D3394-041RevB	Manufactured	No			240	Each	0.0000	10.0000			
Lug Assembly												
S/S	D2731-7RevC	Manufactured	No			240	Each	0.0000	10.0000			
Mounting Lug												
S/S	AN4-14A	Purchased	No			240	Each	405.0000	40.0000			
Bolt												

47967 SP

47970 SP

41597 SP

110372 9/8/20 (4K)

Warehouse

Loc Qty

Loc Code

Location

Main Warehouse

ST

405

107534

19

110372

386

110372 SP

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Work Order ID: 51100

Parent Item: D058-677-012RevC

Parent Item Name: Heli-Access-Step RH



Comments:

Start Date: 8/05/09

Required Date: 8/14/09

Start Qty: 5.00

Required Qty: 5.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
S ₇₅ D3394-043RevB 	42	Manufactured	No	<i>VP</i>		240	Each	0.0000	10.0000	<i>4</i> <i>41521</i>	<i>43588</i>	<i>SP</i>
Lug Assembly S ₇₅ AN960JD416 	42	Purchased	No			240	Each	11,910.00	60.0000			
Washer												

Warehouse

Loc Qty

Loc Code

Location

Main Warehouse

ST

11910

102929

2

105906

4

107321

23

107939

114

108161

553

108827

31

109249

69

110523

340

111279

774

111916

5000

112314

5000

16941

0

11910

9/8/20

42

SP

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Work Order ID: 51100

Parent Item: D058-677-012RevC

Parent Item Name: Heli-Access-Step RH

Comments:

Start Date: 8/05/09

Required Date: 8/14/09

Start Qty: 5.00

Required Qty: 5.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
MS21042L4	W2	Purchased	No			240	Each	10,286.00	60.0000			

Nut

Warehouse Loc Qty Loc Code
Location

Main Warehouse

ST 10286
107499 5
110507 2240
111827 6000
112314 2000
15924 0
8182 41

110507

54

AN4-15A
Bolt

Purchased No 240 Each 1,052.000 20.0000

Warehouse Loc Qty Loc Code
Location

Main Warehouse

ST 1052
107737 8
108077 1
108868 7
109148 18
110399 18
111295 1000

11295

9/8/20

(42)

D2732-030RevB1

Manufactured No

Rubber Cushion

240 Each 0.0000 40.0000

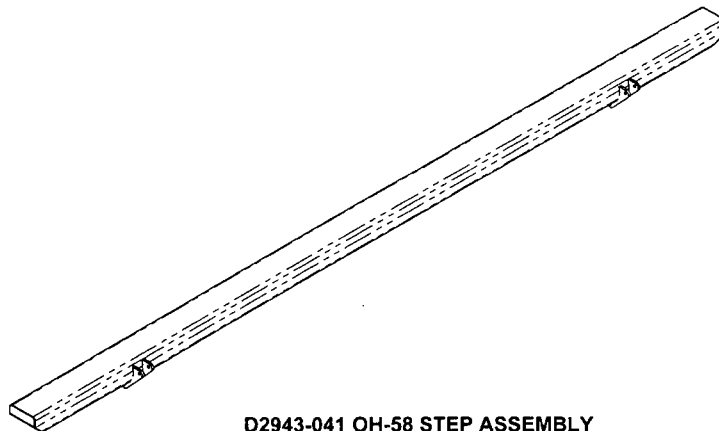
B43118

3" X 9/8/20

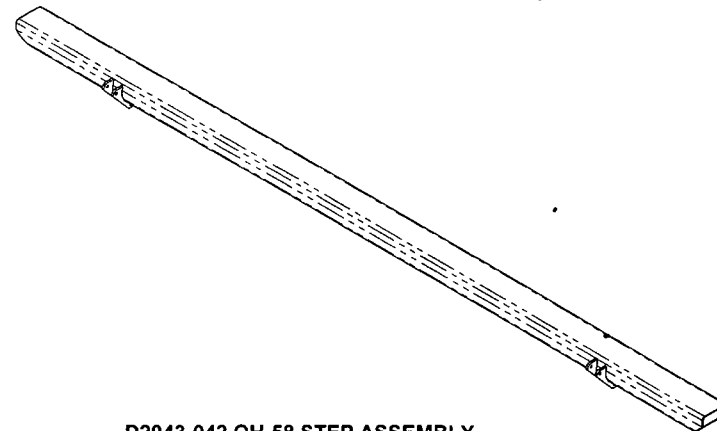
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Shop Packet Print

ITEM No.	QTY. -041	QTY. -042	PART NUMBER	DESCRIPTION
1	X		D2943-041	OH-58 STEP ASSEMBLY, LH
2		X	D2943-042	OH-58 STEP ASSEMBLY, RH
7	1	1	D2943-1	STEP
11	2	2	D2734	END PLATE
12	2	2	D3458-1	STEP MOUNTING PLATE
13	2	2	D3458-3	STEP MOUNTING PLATE



D2943-041 OH-58 STEP ASSEMBLY



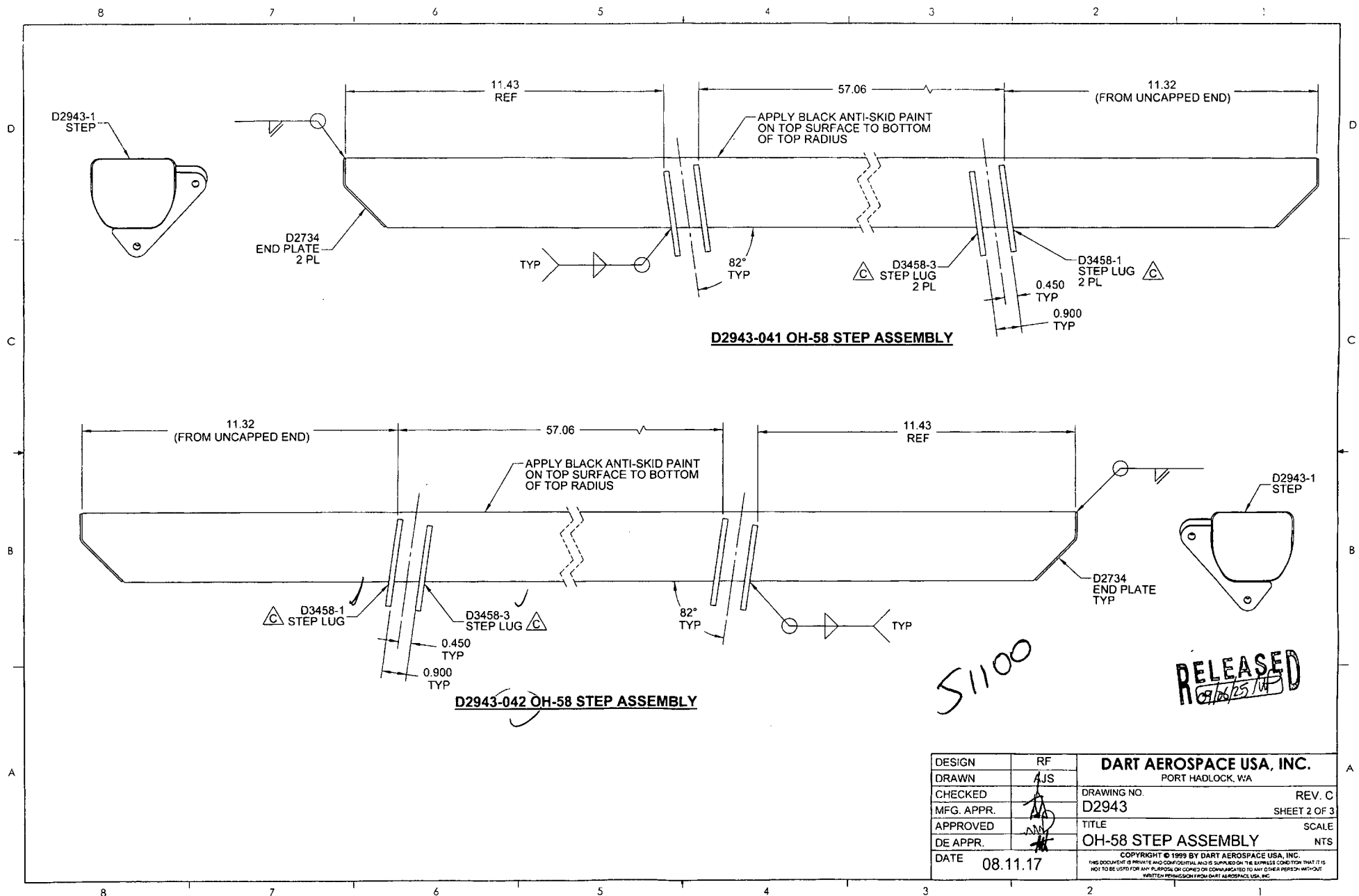
D2943-042 OH-58 STEP ASSEMBLY

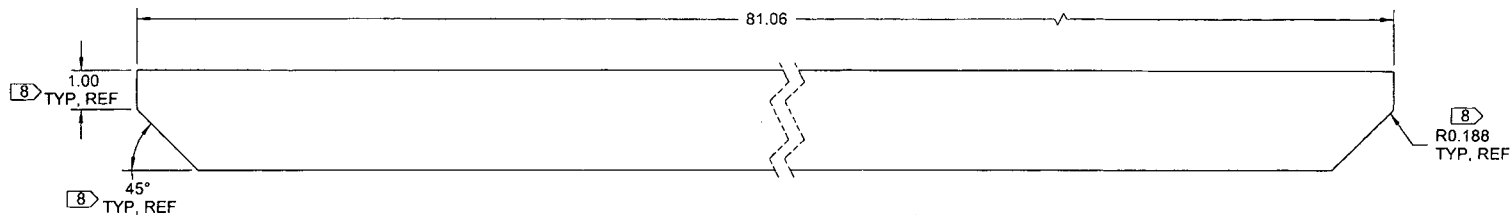
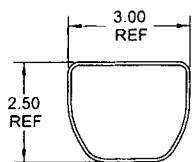
D2943-041/-042 NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
POWDER COAT WHITE (4.3.5.1) PER DART QSI 005 4.3
BLACK ANTI-SKID PAINT PER DART QSI 005 4.4
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 6.31 lbs
- 8) WELD PER QSI 004

C	REDRAWN IN SOLIDWORKS TO CURRENT DESIGN STANDARDS ATTACHMENT CHANGED FROM SINGLE LUG TO DOUBLE LUG. D2725 REPLACED BY ITEMS 12 & 13 REASON: SEE PAR 152. ADDED ITEM 7, D2622-082 MOVED FROM P/L TO NOTES ON SHEET 3.	AJS	08.11.17
B	UPDATED FINISHING NOTE	PH	05.11.14
A	NEW ISSUE	RF	99.11.19
REV.	DESCRIPTION	BY	DATE
DESIGN	RF	DART AEROSPACE USA, INC.	
DRAWN	AJS	PORT HADLOCK, WA	
CHECKED		DRAWING NO.	REV. C
MFG. APPR.		D2943	SHEET 1 OF 3
APPROVED		TITLE	SCALE
DE APPR.		OH-58 STEP ASSEMBLY	NTS
DATE	08.11.17	COPYRIGHT © 1999 BY DART AEROSPACE USA, INC. THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE USA, INC.	

RELEASED
09/06/25/MD





D2943-1 STEP

51100

RELEASED
01/06/25/17

D2943-1 NOTES:

- 1) MATERIAL: MAKE FROM D2622-082 EXTRUSION
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 5.93 lbs
- 8) SHAPE TO FIT D2734 END CAP

DESIGN	RF	DART AEROSPACE USA, INC. PORT HADLOCK, WA	
DRAWN	AJS		
CHECKED		DRAWING NO. D2943	REV. C SHEET 3 OF 3
MFG. APPR.		TITLE OH-58 STEP ASSEMBLY	SCALE NTS
APPROVED		<small>COPYRIGHT © 1998 BY DART AEROSPACE USA, INC. THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE USA, INC.</small>	
DE APPR.			
DATE	08.11.17		

4.0 PARTS LIST:

Qty -011	Qty -012	Qty -013	Qty -014	Part Number	Description
X				D058-677-011	HELI-ACCESS-STEP™, LH
	X			D058-677-012	HELI-ACCESS-STEP™, RH
		X		D058-677-013	HELI-ACCESS-STEP™, LH
			X	D058-677-014	HELI-ACCESS-STEP™, RH
1		1		D2943-041	STEP ASSEMBLY LH
	1		1	D2943-042	STEP ASSEMBLY RH
		2	2	D3394-045	MOUNTING LUG (REPLACES D2230-1)
		2	2	D2230-3	MOUNTING LUG
2	2			D3394-041	MOUNTING LUG (REPLACES D2731-1)
2	2			D2731-3	MOUNTING LUG
2	2	2	2	D3394-043	MOUNTING LUG (REPLACES D2731-5)
2	2	2	2	D2731-7	MOUNTING LUG
8	8	8	8	D2732-030	RUBBER CUSHION
8	8	4	4	AN4-14A	BOLT
4	4	4	4	AN4-15A	BOLT
		4	4	AN4-16A	BOLT
12	12	12	12	AN960JD416	WASHER
12	12	12	12	MS21042L4	NUT (OR MS21042-4)

5.0 WEIGHT AND BALANCE:

Installation	Weight	LATERAL		LONGITUDINAL	
		Arm	Moment	Arm	Moment
D058-677-011/-013 HELI-ACCESS-STEP™, LH	8.15 lb 3.70 Kg	- 36.5 in - 0.93 m	- 297.5 in-lb - 3.30 m-kG	100.44 in 2.55 m	818.6 in-lb 9.44 m-kG
D058-677-012/-014 HELI-ACCESS-STEP™, RH	8.15 lb 3.70 Kg	+36.5 in +0.93 m	+297.5 in-lb +3.30 m-kG	100.44 in 2.55 m	818.6 in-lb 9.44 m-kG

51100

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Revision: C

Date: 09.01.20